

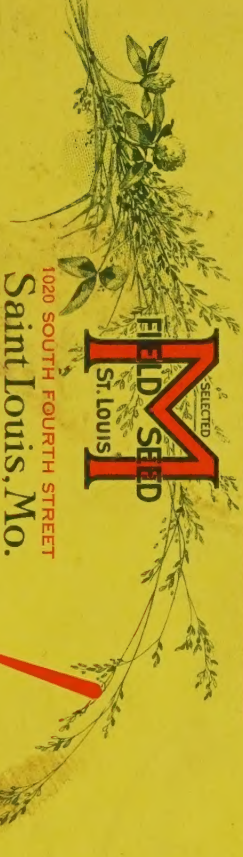
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62,41
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Ed. F. Mangelsdorf & Bro., Inc.

Wholesale Grass and Field Seeds

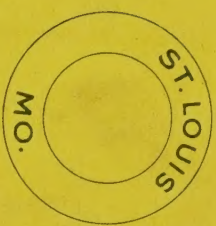


SELECTED
N
FIELD SEED
St. Louis

1020 SOUTH FOURTH STREET
Saint Louis, Mo.

Important!

Market Quotations

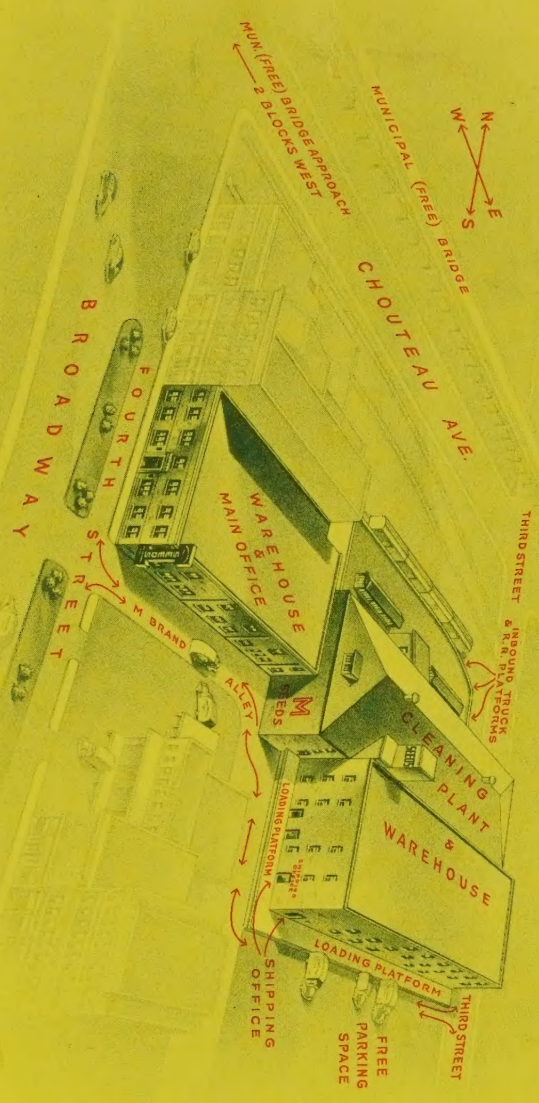


U. S. Department of Agriculture,
Bureau of Plant Industry,
Fruit & Vegetable Crop & Diseases,
Washington, D. C.

SEC. 562. P. L. & R.

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OUR NEW ST. LOUIS PLANT

Convenient location: just south of Municipal (Free) Bridge—near truck depots, railroads, wholesale district—out of congested area. Ample truck-loading space—**off the street**—with free parking lot. Two entrances—Fourth or Third St.—to platform which can serve 22 trucks at a time.

Railroad trackage alongside building. Bulk unloading provided for. Building contains 125,000 square feet. Newest types cleaning machinery, with arrangement for quick, efficient, economical handling and cleaning of seeds.

Large, modern, daylight seed-testing laboratory to control buying, cleaning and preparation of seeds to meet and surpass requirements of the Federal and various State seed laws.

St. Louis is close to the producing territory of a wide assortment of Grasses, Clovers, Beans, Peas and Forage seeds, enabling us to offer first-hand at low prices.

In addition, we operate our large cleaning and storage plant at Atchison, Kansas, for handling and cleaning seeds originating in that area and the West. Atchison is in the northeast corner of Kansas, just across the Missouri line, in the center of the Blue Grass producing districts of Missouri, Kansas, Iowa and Nebraska.

ED. F. MANGELSDORF & BRO., INC.
ST. LOUIS
1020 SOUTH FOURTH STREET

Wholesale Only. Under same management in St. Louis since 1919.

SEMESAN

Seed Disinfectants

CERESAN New Improved For Wheat, Barley and Oats. Easily and quickly applied. One pound treats 32 bushels.

Sizes of Packages	Retail Price Per Package	Dealer Price	Packages Per Case
4-oz. can	\$0.30	\$ 2.30 per doz.	3 doz.
1-lb. "	.80	6.50 "	1 "
4-lb. "	2.70	12.15 " 1/2 "	"
25-lb. pail	15.00	12.00 per pkg.	1/2 only
100-lb. D.	55.00	45.50	1 only

SEMESAN, JR. New Improved — A Dust Disinfectant for Seed Corn. One pound treats 8 Bushels.

Sizes of Packages	Retail Price Per Package	Dealer Price	Packages Per Case
1 1/2-oz. pkt.	\$0.15	\$ 0.90 per doz.	12 doz.
4-oz. can	.30	2.20 "	3 "
1-lb. "	.75	6.25 "	1 "
5-lb. "	3.00	13.50 1/2 "	"
25-lb. pail	12.50	10.50 per pkg.	1/2 only
100-lb. D.	45.00	37.00 per D.	1 only

SEMESAN BEL New Improved — A Dip Disinfectant for seed potatoes. (1 pound treats 60 to 80 Bushels.)

Sizes of Packages	Retail Price Per Package	Dealer Price	Packages Per Case
2-oz. pkt.	\$0.30	\$ 2.05 per doz.	12 doz.
1-lb. can	1.65	13.20 "	1 "
5-lb. "	7.15	32.10 1/2 "	"
25-lb. pail	33.25	26.50 per pkg.	1/2 only

SEMESAN — A General Disinfectant for Vegetable and Flower Seeds or Bulbs, and Certain Plant Diseases.

Sizes of Packages	Retail Price Per Package	Dealer Price	Packages Per Case
1/2-oz. pkt.	\$0.10	\$.75 per doz.	12 doz.
2-oz. can	0.40	3.00 "	3 "
1-lb. "	2.50	20.75 "	1 "
5-lb. "	11.40	51.00 1/2 "	1/2 "

REGULAR CERESAN — For Cotton, Millets Sorghums. One pound treats 5 to 8 Bushels.

Sizes of Packages	Retail Price Per Package	Dealer Price	Packages Per Case
1-lb. can	\$0.75	\$6.35 per doz.	1 doz.
5-lb. "	3.30	14.80 1/2 "	1/2 "
25-lb. pail	14.50	11.50 per pkg.	1 only
100-lb. D.	52.00	42.50	1 only

SOME SIZES NOT OBTAINABLE
PLEASE NAME SUBSTITUTE WHEN ORDERING

McQUEEN'S INOCULATION

Humus Culture

Group	Size	Dealer Price	Retail Price
Group 1 — Alfalfa, Sweet Clover	1/2-bu.	\$0.18	\$0.30
	1-bu.	.30	.50
Group 2 — Red, Alsike, Crimson Clover	2 1/2-bu.	.60	1.00

Group 3 — Lespedeza — 50-lb. .18 .30
100-lb. .30 .50

Group 5 — Cowpeas — 1-bu. .18 .30
2-bu. .30 .50
5-bu. .60 1.00
*50-bu. 3.40 5.00

Group 6 — Soybeans — 2-bu. .20 .30
5-bu. .60 1.00
*50-bu. 3.40 5.00

*50-bu. size contains 10 printed inner cartons, each for 5-bu.

M BRAND INOCULATION

Humus Culture for Legumes

Group	Size	Dealer Price	Retail Price
Group 1 — Alfalfa, Sweet Clover	1/2-bu.	\$.18	\$.30
	1-bu.	.30	.50
Group 2 — Red, Alsike, Crimson Clover	100-lb.	.40	.70
	2 1/2-bu.	.54	1.00

Group 3 — Lespedeza Figure 40 lbs. to bu. Use twice amount for hulled. 1-bu. .18 .30
2-bu. .30 .50
5-bu. .54 1.00

Group 4 — Vetches, Austrian Peas, Garden & Canning Peas. 1/2-bu. .16 .25
1-bu. .22 .35
100-lb. .34 .55
5-bu. .96 1.50
12 1/2-bu. 2.00 3.50

Group 5 — Cowpeas 1-bu. .14 .20
2-bu. .20 .30
5-bu. .33 .55
25-bu. 1.50 2.50
*6-5's 1.90 3.00

*The 6-5's may be sold as one 30-bu. unit, or opened and sold as 6 separate 5-bu. pkgs.

BARBAK "C" SEED CORN DISINFECTANT

Size of Package	Retail Price per Pkg.	Dealer Price	Packages per Case
1 1/2-oz. Pkt.	\$ 0.15	\$0 .90 per doz.	12 doz.
1-lb. Can	.75	6.25 "	1 "
5-lb. Pail	3.00	13.50 1/2 "	1/2 "
25-lb. Pail	12.50	10.50 per pkg.	1 only
100-lb. Drum	45.00	37.00 per D.	1 only

CYANOGENAS G-FUMIGANT

Size	Dealer Price	Retail Price	Packages Per Case
4 oz.	\$ 0.20 each	\$ 0.30 each	Packing 1 doz.
5 lb.	2.10 "	3.00 "	20
25 lb.	7.50 "	10.00 "	4
100 lb.	20.00 "	25.00 "	1

CYANOGENAS A-DUST

Size	Dealer Price	Retail Price	Packages Per Case
1/2 lb.	\$.30 each	\$.45 each	8 doz.
1 lb.	.50 "	.75 "	4 "
5 lb.	2.10 "	3.05 "	20 cans
25 lb.	7.50 "	10.00 "	4 "
100 lb.	20.00 "	25.00 "	1 "

ALL ABOVE PRICES SUBJECT TO CHANGE WITHOUT NOTICE

MISSOURI SEED PERMIT No. 12

WHOLESALE FIELD AND GRASS SEEDS

WHOLESALE PRICES BELOW ARE TODAY'S VALUES, F. O. B. ST. LOUIS, FOR PROMPT SHIPMENT. ALL QUOTATIONS SUBJECT TO MARKET CHANGES. PRICES ARE FOR FULL BAGS. BROKEN BAGS HIGHER AND WE MAKE AN EXTRA FLAT CHARGE OF 15 CENTS FOR EACH PACKAGE OF 15 CENTS FOR EACH PACKAGE OF 60 POUNDS OR LESS. PARCEL POST ORDERS 25 CENTS EACH EXTRA PLUS POSTAGE. BAGS NOT RETURNABLE. WE SELL TO DEALERS ONLY.

1020 So. Fourth St. **ST. LOUIS, MO.** Telephones *L.D. 94* *Main 0500*



List No. 527

WE GIVE NO WARRANTY, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, PRODUCTIVENESS OR ANY OTHER MATTER OF ANY SEEDS WE SELL AND WILL NOT BE IN ANY WAY RESPONSIBLE FOR THE CROP

April 16, 1942

ALFALFA		Per 100 Lbs.	
U. S. Verified Origin—	Bags Extra.	5 Bags or More	Bag Lots
Kansas	M Brand	\$32.00	\$32.50
Okl.-Kansas	" "	31.00	31.50
Approved Oklahoma	" "	30.50	31.00
Oklahoma, Common	" "	30.00	30.50
New Mexico	" "	29.00	29.50
Texas	" "	28.50	29.00

NORTHWESTERN & NORTHERN ORIGINS:			
Northwestern, Wyoming	M	34.50	35.00
Nebraska Grown Dak. #12		35.00	35.50
Dakota #12, Dak.-Grown	M	36.00	36.50
(Dakota No. 12 packed in bushel bags, no charge.)			

COSSACK:			
Cossack, Northwestern	M	35.50	36.00

GRIMM ALFALFA			
Kansas Grimm	Fancy	33.00	33.50
Montana	M	36.00	36.50

GRIMM ALFALFA, Sealed Bags, Certified.			
Baltic Grimm, Blue Tag,		40.00	40.50
*Utah " " "		41.50	42.00
Montana " " "		42.00	42.50
*Idaho Blackfoot " " "		45.50	46.00
*In full bags, others in bushel bags.			

ARGENTINE Alfalfa			
Pur. 99%, Germ. 90%, Dodder free.		19.00	19.50
Stained According U. S. Regulations.			
INCLUDE INOCULATION, Order Group 1.			
Recommend seeding Brome-Alfalfa Mixture, for hay and pasture. Use 12 lbs. Brome and 5 lbs. Alfalfa per Acre.			

Note: All 5-bag prices apply one or assorted items.

SWEET CLOVER		Per 100 Lbs.	
Bags Extra.			
*Standard (Tall)	M Brand	\$11.00	\$11.25
" "	Fancy	10.00	10.25
" "	Choice	9.00	9.25
Yellow Blossom	M Brand	11.00	11.25
Grundy County	" "	Sold Out	
Hubam Annual, Fancy, Germ. 70%		14.00	14.50

UNHULLED SWEET CLOVER:			
M Brand (Mostly White)		7.00	7.50
" " (Yellow)		6.75	7.00
INCLUDE INOCULATION, Order Group 1.			

RED CLOVER And		Per 100 Lbs.	
INCLUDE INOCULATION, Order Group 2.			
MAMMOTH RED CLOVER			
M Brand	Ask		
Fancy	for		
Choice	Prices		
INCLUDE INOCULATION, Order Group 2.			

ALSIKE CLOVER		Per 100 Lbs.	
Bags Extra			
M Brand		\$21.50	\$22.00
Fancy		20.50	21.00
Choice		19.00	19.50
INCLUDE INOCULATION, Order Group 2.			

LESPEDAZA		Per 100 lbs.	
Bags Incl.			
Korean, M Brand		\$ 6.00	\$ 6.25
" " Fancy		5.50	5.75
Korean, Hulled, M Brand		8.50	8.75
Korean No. 19604, Early Strain		Sold Out	
Kobe, M Brand		15.00	15.50
SERICEA - Unhulled - M		18.50	19.00
" - Scarified - M		26.00	26.50
INCLUDE INOCULATION, Order Group 3.			

WHITE DUTCH CLOVER			
Bags Extra, per 100 lbs.	100 lbs. or More	25 lbs. or More	1 to 10 lbs.
M Brand (Pur. 98%)		\$65.00	\$67.00
Fancy		62.00	64.00
Choice		58.00	60.00

CRIMSON CLOVER		Per 100 lbs.	
M Brand (Bright Color)		\$11.50	\$11.75

HAIRY WINTER VETCH		Per 100 lbs.	
M Brand		\$10.00	\$10.25

PASTURE MIXTURE		Per 100 lbs.	
100-lb. bags; jute bags included.			
M BRAND	@	\$12.00	
Pasture Mixture contains Lespedeza, Timothy, Redtop, Bluegrass, Ryegrass, Alsike — all clean, good seed.			

JOHNSON GRASS		Per 100 Lbs.	
Bags Included			
Fancy, Recl.		\$4.50	\$4.75

TIMOTHY		Per 100 Lbs.	
Bags Extra.			
M Brand		\$8.50	\$8.75
Fancy		8.00	8.25
Choice		7.50	7.75
Timothy-Alsike Mixed 20% Alsike		9.50	9.75

RED TOP		Per 100 lbs.	
Bags Extra.			
M Brand (Pur. 92% or better)		\$10.00	\$10.25
Fancy " 85% " "		9.50	9.75
Choice " 80% " "		8.75	9.00
Superfine " 97% " "		11.00	11.25
Unhulled Redtop		6.00	6.50

KY. BLUE GRASS		Per 100 Lbs.	
Bags Included.			
M Brand 21 lb.		\$18.50	\$19.00
Fancy 19 lb.		18.00	18.50
Superfine "B" P. 90%, G. 85%		20.00	20.50
" "A" P. 96%, G. 85%		22.50	23.00

CANADA BLUE GRASS Sold Out

LAWN GRASS MIXTURES			
MIXTURES			
Prices per Lb	100-lb. Bags	5-lb. Bags	3-lb. 1-lb. Bags
For 100 lbs. or more			
M Brand, Finest Quality	19c	21c	22c 23½c
Greenvue, Good Quality	16c	18c	19c 20½c
Shady Spot	28c	30c	31c 32½c
Bent Grass Mixture	35c to 38c		

FANCY LAWN GRASSES		Per 100 Lbs.	
Low prices apply full bags. Prices per lb.			
BENT GRASS—State-sealed, Cert.			
Astoria, Blue Tag		@ 80c to 85c	
" Red "		@ 75c " 80c	
Seaside, Blue "		@ 65c " 70c	
" Red "		@ 60c " 65c	
Chewings Fescue	M Brand	@ 40c " 42c	

BERMUDA GRASS		Per 100 Lbs.	
Bags Extra.			
M Brand, Unhulled		Ask for Price	
" " Hulled		Sold Out	

RYE GRASS		Per 100 Lbs.	
Bags Included.			
Domestic—M Brand		\$7.75	\$8.00
Purity 99%, germ. 90%, Noxious-free.			
Perennial, Domestic, M Brand		15.00	15.25
" " Fancy		14.25	14.50

ORCHARD GRASS		Per 100 Lbs.	
Bags included.			
M Brand		\$32.50	\$33.00
Fancy		31.00	31.50

MEADOW FESCUE Ask for Price

REED CANARY GRASS		Per 100 Lbs.	
M Brand		\$39.00	\$40.00
Small Lots 42c lb.			

BROME GRASS		Per 100 lbs.	
Bags Included. Quack-free			
M Brand, Kansas-Grown		\$17.00	\$17.50
Canadian No. 1		17.50	18.00
" Certified No. 1		18.50	19.00
*Recommend seeding Brome-Alfalfa Mixture, for hay and pasture. Use 12 lbs. Brome and 5 lbs. Alfalfa per Acre.			

WHEAT GRASS		Per 100 Lbs.	
Bags included. Quack-free			
Western Wheat Grass		\$13.50	\$13.75
Crested " Domestic		14.50	14.75
" " Can.No.1		15.00	15.25

BIRD SEEDS		Per 100 Lbs.	
Bags Included.			
Canary, Recleaned		\$ 8.50	
Hemp, " (Devitalized)		15.00	
Rape, Bird		12.00	
Bird Seed, Ready Mixed		10.00	
Canada Field Peas		4.90	
Polly Sunflower, Weevil-free, Superfine		6.50	
Millet, Large Red, Fancy		2.10	
" " Yellow "		2.25	
Flax, Whole		5.50	
Bird Thistle		22.00	
" Lettuce		18.00	
Pepper Grass		10.00	

SUNFLOWER		Per 100 Lbs.	
Bags included.			
Poultry Grade		\$3.75	\$4.00
Fancy, Local-grown		4.25	4.50
Polly, " "		5.00	5.25
*Polly, Superfine		6.25	6.50
*Giant, " "		7.00	7.25
*Polly Superfine and Giant both weevil-cut free. Both suitable for planting. Specify when wanting "planting grade."			

HYBRID SEED CORN

All numbers tried-and-proven and have rated high in official and private tests. Produced under expert supervision. Carefully graded and sized. Some kinds limited and subject to prior sale. NOTE: Specify substitute where possible to enable us to fill your order without delay. Packed in attractive colored 1-bu. M BRAND Hybrid bags.

MO. NO. 8		Per 100 lbs.		ILL. NO. 200		Per Bushel	
M BRAND—Regular Flats	@	\$4.75		M BRAND—Large Flats	@	\$5.25	
Round Grains—Special	@	2.75		" " —Medium "	@	5.25	
Small Flats—	@	3.25		Medium Flats, Thick—Special	@	4.50	
				Medium Small Flats—	@	4.50	
MO. NO. 47				ILL. NO. 784			
M BRAND—Regular Flats	@	5.25		M BRAND—Regular Flats	@	5.50	
Round Grains—Special	@	3.00		Large Rounds—Special	@	3.25	
Small Flats—	@	3.50		Medium " — "	@	3.25	
U. S. NO. 13				ILL. NO. 877			
M BRAND—Regular Flats	@	5.50		M BRAND—Regular Flats	@	5.50	
Medium Flats, Thick—Special	@	4.75		Large Rounds—Special	@	3.25	
Round Grains—	@	3.00					
U. S. NO. 35				MANGELSDORF—1001			
M BRAND—Regular Flats	@	5.50		M BRAND—Large Flats	@	6.00	
Small Thick Flats—Special	@	3.50		" " —Medium "	@	6.00	
Round Grains—	@	3.00		Large Rounds—Special	@	3.50	
ILL. NO. 885-A							
M BRAND—Regular Flats	@	5.00					

All prices per bushel. . . . Samples on request. Descriptive colored folder for dealer-distribution sent on request. NOTE: Rounds and Small Flats, while requiring special plates, produce the same as Regular and Large Flats, and represent saving in price, as well as planting a larger area per bushel.

OPEN-POLLINATED SEED CORN

Reid's Yellow Dent	@	\$2.10	Silver Mine White	@	\$2.00
Midland " "	@	2.50	White Democrat	@	2.10
90-day Yellow " "	@	2.75	Red Cob St. Charles White	@	2.00
			Hickory King White (late)	@	2.35
Prices per bushel, jute bags incl. — Germination 90% or better					
S. A. Yellow Popcorn, seed stock (per 100 lbs.) @ \$8.00					

SUDAN GRASS		Per 100 lbs.	
Bags Included.			
Sudan Grass, M Brand		\$3.00	\$3.25
" " Choice		2.75	3.00

FORAGE SEEDS		Per 100 lbs.	
Bags Included.			
Fodder Cane, Black Amber		\$2.75	\$2.90
" " Orange		2.85	3.00
" " Redtop Sumac		2.85	3.00
" " Mixed		2.60	2.75
Atlas Sorgo, Germ. 75% or better		4.00	4.25
Hegari, Certified, sealed bags		4.50	4.75
Milo, Dwarf, "		4.75	5.00

MILLET		Per 100 lbs.	
Golden or German	M Brand	\$3.25	\$3.50
" " "	Fancy	3.00	3.25
White Wonder	M Brand	3.25	3.50
Early Fortune Red (Not for seed)		2.00	2.10
Hog or Large Yellow " " "		2.10	2.25

RAPE SEED		Per 100 Lbs.	
Bags Included.			
Dwarf Essex (Sowing-Grade)		\$16.00	\$16.50
Bird Rape (Feed Only)		12.00	12.25

COWPEAS		Per Bushel	
2½-bu. Bags. Bags extra 20c each.		5 Bags or More	Bag Lots
Mixed		\$2.55	\$2.65
Whip-Mixed		2.65	2.75
Brabham-Mixed		2.75	2.85
*New Era		2.90	3.00
*Whippoorwill		2.90	3.00
Red Ripper		3.00	

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Addressee

First Class
Permit No. 4
Sec. 510 P.L. & R.
Saint Louis,
Mo.

BUSINESS REPLY CARD

NO POSTAGE STAMP NECESSARY IF MAILED IN THE UNITED STATES

ED. F. MANGELSDORF & BRO., INC.

1020 SO. FOURTH ST.

ST. LOUIS, MO.

← DETACH AND MAIL YOUR ORDER ON THIS POST CARD WE PAY THE POSTAGE →

SEED CHART

SEED	WEIGHT PER BU.	POUNDS PER ACRE	TIME OF SEEDING
ALFALFA.....	60	15-20	MARCH, MAY—AUGUST, SEPTEMBER
ALSIKE CLOVER.....	60	6-10	JANUARY, APRIL—AUGUST, OCTOBER
ATLAS SORGO.....	56	20-30	APRIL—JULY
BARLEY.....	48	72-96	MARCH, APRIL—SEPTEMBER
BERMUDA GRASS.....	40	5-10	MARCH—JUNE
BLUE GRASS (LAWNS: 1 LB. 200 SQ. FT.).....	14	30-40	FEBRUARY, JUNE—AUGUST, OCTOBER
BROME GRASS.....	14	15-25	FEBRUARY, APRIL—AUGUST, OCTOBER
BUCKWHEAT.....	48	48-60	MAY—JULY
CANE, FODDER.....	50	50-65	MAY—JULY
CORN, FIELD.....	56	7-10	MAY—JULY
" ENSILAGE.....	56	30-35	MAY—JULY
CLOVER, ALSIKE.....	60	6-10	JANUARY, APRIL—AUGUST, OCTOBER
" BUR (HULLED).....	60	15-20	AUGUST—NOVEMBER
" CRIMSON.....	60	15-20	JULY—OCTOBER
" RED.....	60	10-12	JANUARY, APRIL—AUGUST, NOVEMBER
" SWEET.....	60	15-25	JANUARY, MAY—JULY, SEPTEMBER
" SWEET (UNHULLED).....	40	25-40	NOVEMBER—FEBRUARY
" WHITE (LAWNS: 1 LB. 400 SQ. FT.).....	60	3-5	FEBRUARY, JUNE—AUGUST, OCTOBER
COWPEAS (DRILLED).....	60	45-70	MAY—AUGUST
GROHOMA.....	56	20-30	APRIL—JULY
JOHNSON GRASS.....	28	20-30	APRIL—JULY
KAFFIR CORN—MILO MAIZE—HEGARI.....	56	20-30	MAY—JULY
LAWN GRASS (LAWNS: 1 LB. 200 SQ. FT.).....	25	150-200	FEBRUARY, APRIL—AUGUST, OCTOBER
LESPEDEZA, KOREAN (MEASURED BU. 45 LBS.).....	25	15-25	FEBRUARY—MAY
" KOREAN (HULLED).....	60	10-15	FEBRUARY—MAY
MEADOW FESCUE (ENGLISH BLUE GRASS).....	24	25-35	MARCH, MAY—AUGUST, SEPTEMBER
MILLET, GERMAN.....	50	40-50	MAY—JULY
" HUNGARIAN.....	48	40-50	MAY—JULY
" JAPANESE.....	35	25-40	MAY—JULY
OATS.....	32	50-75	MARCH—MAY
ORCHARD GRASS.....	14	20-25	MARCH, MAY—AUGUST, OCTOBER
PASTURE MIXTURE.....	25	25-35	MARCH, JUNE—AUGUST, OCTOBER
RAPE, DWARF ESSEX.....	56	6-10	APRIL—SEPTEMBER
REDTOP, SOLID (MEASURED BU. 32 LBS.).....	14	8-12	FEBRUARY, JUNE—AUGUST, OCTOBER
" UNHULLED.....	14	20-30	FEBRUARY, JUNE—AUGUST, OCTOBER
REED CANARY GRASS.....	30	8-12	FEBRUARY, APRIL—AUGUST, SEPTEMBER
RYE, WINTER.....	56	60-90	JULY—NOVEMBER
RYE GRASS.....	24	25-35	FEBRUARY, JUNE—AUGUST, OCTOBER
SOYBEANS (DRILLED).....	60	30-60	FEBRUARY, APRIL—AUGUST, SEPTEMBER
SUDAN GRASS.....	40	15-30	MAY—AUGUST
SUNFLOWER.....	22	3-6	APRIL—JULY
TIMOTHY.....	45	8-12	FEBRUARY, MAY—AUGUST, NOVEMBER
VETCH, HAIRY WINTER.....	60	30-50	AUGUST—NOVEMBER